

ASH GROVE NOC # 5730

This Order of Approval # 5730 supersedes Order of Approval # 3382 and adds the installation of a 120 ton/hour Clinker Pre-Grind Crusher with a Baghouse at 20,000 cfm, and a Finish Mill High Efficiency Separator Project including (2) 60 ton/hr High Efficiency Separators with (2) Baghouses at 77,000 cfm each, (2) Baghouses at 10,000 cfm each, and a Baghouse at 5,000 cfm.

Notice of Construction Special Conditions:

4. This source is subject to Subpart F of 40 CFR part~~CFR~~ 60.
5. PM-10 emissions from each baghouse except the Main Stack baghouse shall not exceed 0.005 grains/dscf over a twenty-four hour period. Ash Grove may demonstrate compliance with this condition by any of the following:
 - A. Performing a PSAPCA approved source test according to EPA Method 5 or EPA Method 201A,
 - B. Demonstrating no visible emissions for 15 consecutive seconds,
 - C. Demonstrating no visible emissions for three consecutive minutes, or
 - D. Repairing within 24 hours, any baghouse that has visible emissions for more than three consecutive minutes.

Compliance shall be determined for visible emissions using EPA Method 22~~using EPA Method 5 or EPA Method 201A for PM-10 emissions and EPA Method 22 for visible emissions.~~ PSAPCA may require a source test for any baghouse that has sustained visible emissions, unless such emissions are considered unavoidable under WAC 173-400-107.

6. Except during start-up and shutdown of the kiln, scheduled maintenance and for emissions considered unavoidable under WAC 173-400-107, emissions from the main baghouse shall not exceed the most stringent of PSD limits or the following limits:
 - A. Carbon monoxide (CO): 1049 ppm @10% oxygen (O₂), 8-hr ave., and 2353 tpy (tons per year);
 - B. Nitrogen Oxides (NO_x): 700 ppm @10% O₂ 1-hr ave., 501 ppm @10% O₂ 24-hr, and 1846 tpy;
 - C. Sulfur Dioxide (SO₂): 180 ppm @10% O₂ 1-hr ave., and 176 tpy;

D. Particulate Matter (PM): 10.6 pph and 46 tpy.

7. During start-up and shutdown of the kiln, and during scheduled maintenance on the main baghouse, all of the emission limits stated in condition 6 apply, except that emissions from the main stack shall not exceed 200 ppm of SO₂ corrected to 10% O₂ for a one hour average and 1000 ppm of NO_x corrected to 10% O₂ for a one hour average. Appendix A to this order defines the start-up, shutdown and scheduled maintenance conditions under which these alternate limits apply.
8. Ashgrove shall monitoring and report CO, NO_x, SO₂, and opacity emissions opacity from the main baghouse according to Article 12 of Regulation I.
9. By ~~May~~February 1, 1995, Ashgrove shall submit to PSAPCA for approval a best available control technology determination for controlling fugitive emissions from the kiln. The evaluation must include start-up and shut down.
- ~~10. By May 1, 1995, Ash Grove shall propose alternative emission limits for startup, shutdown, and scheduled maintenance upsets of the facility and criteria for determining unavoidable excess emissions during upset. The proposal must demonstrate that Ash Grove cannot reduce the emissions through a better operation and maintenance program, careful planning, or proper equipment design and that any bypass of control equipment is necessary to prevent loss of life, personal injury, or severe property damage. Ash Grove shall submit these limits and procedures to PSAPCA for approval. Once approved by PSAPCA, these limits will apply during startup and shutdown. PSAPCA will use the upset procedures to determine if excess emissions are unavoidable under WAC 173-400-107 and not subject to penalty.~~
940. Ash Grove shall submit a testing plan to PSAPCA for approval within 60 days of startup for testing of the High Efficiency Separator Baghouse.
104. This Order of Approval ~~to limit plant wide PM₁₀ emissions~~ supersedes and cancels Order of Approval No. 3382 dated June 19, 1990.

Puget Sound Air Pollution Control Agency

FAX COVER SHEET

Tuesday, January 03, 1995 03:17:40 PM

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From: Jay Willenberg
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Fax: 2 pages and a cover page.



Note:

This includes Matt's wording and the changes that we talked about. I hope that you can read this one.

cc Matt
Hans